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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 5 — 2 — MAY, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of May 1954, averaged 38,277 barrels daily, an increase of 1,570 barrels from the average April production of 36,707 barrels daily.

The nine refineries in the State processed 59,339 barrels of crude oil daily for the month of May, an increase of 17,198 barrels daily from the 42,141 barrels processed daily during the month of April, 1954.

During May, 23 wells were completed, 13 oil, 3 gas wells and 7 dry holes.

During May, the Commission issued 45 permits to drill new wells, an increase of 9 from the 36 permits issued during April.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MAY, 1954

	TOTAL
IN STORAGE MAY 1st.	
By Producers	237,600
By Transporters	500,078
By Refiners	429,522
TOTAL STORAGE	1,167,200
PRODUCED DURING MONTH	1,186,587
TOTAL	2,353,787
DISPOSITION:	
Refined in Montana	791,962
Shipped to Other States	404,654
Used for Fuel or Lost	4,073
TOTAL	1,200,689
IN STORAGE MAY 31st:	
By Producers	242,685
By Transporters	493,904
By Refiners	416,509
TOTAL STORAGE	1,153,098

WYOMING OIL IMPORTED

IN STORAGE MAY 1, 1954	316,342
MAY RECEIPTS, MONTANA REFINERIES	917,946
REFINED	1,047,546
IN STORAGE MAY 31, 1954	186,742

NATUREL GAS WITHDRAWALS IN MONTANA

Month of May, 1954

Field	M. C. F.
Bears Den	4,750
Big Wall	115
Bowdoin	195,048
Bowes	35,339
Box Elder	14,138
Cedar Creek	229,916
Cut Bank (includes Reagan)	1,408,421
Devon	4,895
Dry Creek	121,364
East Poplar	1,762
Hardin	5,554
Keith Block	18,716
Kevin-Sunburst	50,887
Ragged Point	32
Utopia	52,280
West Sumatra	1.086
Whitlash Area	47,478
TOTAL	2,191,781

Total withdrawals for May, 1953, were 2,066,932 M. C. F.

PRODUCERS REPORT
Month of May, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	7	1,081	3,711		3,561		1,231
7	Big Wall	21	3,709	15,595		16,887		2,417
4	Border	8		709		709		
10	Bowes	69	9,489	80,968	83,232			7,225
1	Brady	1		206		206		
1	Cabin Creek	3	831	15,148		14,087	549	1,343
30	Cat Creek	92	4,017	17,008	14,853		181	5,991
	Clark's Fork		84					84
323	Cut Bank	1,104	115,345	238,468	235,027		6	118,780
3	Deer Creek	7	2,022	19,550	18,750			2,822
2	Devils Basin	2	347	266		462		151
5	Dry Creek	11	1,289	14,162	14,202			1,249
20	Elk Basin	58	6,813	124,371	124,903		397	5,884
2	Frannie	2	407	1,159	1,076			490
2	Gage	3	1,242	346	352			1,236
5	Glendive	13	3,945	63,683	59,555			8,073
	Golden Dome		587					587
1	Hardin Area	3	734	1,159			2	1,891
1	Ivanhoe Dome	1	393	407		435		365
225	Kevin-Sunburst	1,514	18,228	103,475	105,090	172	160	16,281
	Jack Creek							
1	Lake Basin	1	697	106				803
1	Little Beaver	3	1,129	5,397		5,411		1,115
3	Melstone	6	2,361	10,520		9,858		3,023
3	Mosser	5		1,308		1,308		
7	Pine Unit Area	9	3,492	28,959		27,507	1,113	3,831
77	Pondera	316	7,778	57,287	56,487			8,578
36	Poplar Area	43	18,388	258,009	248,150	10,663	372	17,212
2	Ragged Point	3	989	2,005		1,868		1,126
	Rattlesnake Butte		739					739
2	Reagan	32	1,816	20,312	18,470			3,658
6	Richey	11	7,389	12,211		13,359		6,241
1	Sidney Area	2	1,927	5,412	5,838			1,501
	Sand Creek		227					227
1	Southwest Richey	3	1,120	6,110		6,497		733
3	Soap Creek	8	2,672	1,046		632	223	2,863
11	Sumatra	35	12,293	58,569		60,032		10,830
3	Sweet Grass Hills	3	477	447		470		454
8	Whitlash	19	2,076	17,403	17,311			2,168
	Wolf Creek		51					51
2	Woodrow	2	1,261	275	459			1,077
1	Yellowstone	1	155	820		618	2	355
811		3,421	237,600	1,186,587	1,003,755	174,742	3,005	242,685

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
April, 1954	1,101,200	36,707	1,091,603	36,367
May, 1954	1,186,587	38,277	1,178,497	38,016

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
January 31, 1954	274,029	376,445	614,749	1,265,223
February 28, 1954	242,483	374,995	635,829	1,253,307
March 31, 1954	235,678	469,637	620,698	1,326,013
April 30, 1954	237,600	500,078	745,864	1,483,542
May 31, 1954	242,685	493,904	603,251	1,339,840

*Includes Wyoming Oil.

TRANSPORTATION REPORT
Month of May, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Connecting Pipeline	Truck	Carrier		Montana	Other States		
ASH CREEK									
Trucks			3,561				3,561		
BIG WALL									
Trucks	1,998		16,887		604	11,987	4,297		1,997
BORDER									
Trucks			709			709			
BOWES									
Northern Pump	1,032	31,398			92		28,208		4,130
The Texas Company		51,834					51,834		
	1,032	83,232			92		80,042		4,130
BRADY-MIDWAY									
Trucks			206			206			
CABIN CREEK									
Shell Oil Co.			14,087				14,087		
CAT CREEK									
Continental Pipe Line Co.	4,755	10,564			72	10,978			4,269
Wm. Hanlon		4,289				4,289			
	4,755	14,853			72	15,267			4,269
CUT BANK									
Darling Gather. Sys.	4,821	40,723				41,954			3,590
Phillips Pet. Co.	120,892	49,054			47	25,099		20,548	124,252
Texas Pipe Line Co.	98,567	46,748		61,335	767	105,300		3,442	97,141
Toronto Pipe Line Co.	36,173	64,250			121			68,028	32,274
Union Oil Co.	96,783	36,122		30,683	332	74,273			88,983
	357,236	236,897		92,018	1,267	246,626		92,018	346,240
DEVILS BASIN									
Trucks			462			462			
DRY CREEK									
Ohio Oil Co.	8,675	14,390			548	15,049			7,468
ELK BASIN									
Ohio Oil Co.		124,903				74,208	50,695		
FRANNIE									
Ohio Oil Co.		1,076					1,076		
GAGE									
Northern Pump Co.	519	353			(2)				874
GLENDIVE AREA									
The Texas Co.	4,900	78,586			(233)	60,696	17,279		5,744
IVANHOE DOME									
Trucks			435			435			
KEVIN-SUNBURST									
Big West Oil Co.	2,348	42,553				41,767			3,134
Homestake Oil & Gas	1,745	3,940				4,055			1,630
Texas Pipe Line Co.	28,591	58,660		2,133	153	60,671			28,560
Anna Aronow	265	1,821	172					2,133	125
	32,949	106,974	172	2,133	153	106,493		2,133	33,449
LITTLE BEAVER									
Shell Oil Co.			5,411				5,411		
MELSTONE									
Trucks	1,077		9,858			9,033			1,902
MOSSER									
Trucks			1,308			1,308			
PINE UNIT AREA									
Shell Oil Co.			27,507				27,507		
PONDERA									
Phillips Pet. Co.	72,823	56,247			515	53,803			74,752
POPLAR AREA									
East Poplar G. Sys.	6,572	234,690			519	75,859	157,929		6,955
Plastic Service Lines, Inc.		14,334				7,353	5,781		1,200
Trucks			10,663				10,663		
	6,572	249,024	10,663		519	83,212	174,373		8,155
RAGGED POINT									
The Texas Co.			1,868		33	1,835			
REAGAN									
Union Oil Co.		18,471				18,471			
RICHEY AREA									
Shell Oil Co. & Trucks			13,359				13,359		
SIDNEY AREA									
Sun Oil Co.		5,838					5,838		
SOAP CREEK									
Trucks			632				632		
SOUTHWEST RICHEY									
Shell Oil Co.			6,497				6,497		
SUMATRA AREA									
Trucks	2,938		60,032			60,031			2,939
SWEET GRASS HILLS									
Trucks & Pipeline	4,604	15,874	470			18,963			1,985
YELLOWSTONE									
Trucks			618			618			
GRAND TOTAL	500,078	1,006,718	174,742	94,151	3,568	779,412	404,654	94,151	493,904

REFINERS REPORT BY FIELDS
Month of May, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Oil Used or Lost	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Exc. Inc.	Laurel	834	11,987	----	11,003	1,818
BORDER						
The Texas Company	Sunburst	2,203	710	----	930	1,983
BRADY-MIDWAY						
Phillips Petroleum Co.	Great Falls	----	207	----	207	----
CAT CREEK						
Continental Oil Co.	Billings	----	10,988	----	10,988	----
Jet Fuel Refinery	Mosby	484	4,289	246	4,099	428
		484	15,277	246	15,087	428
CUT BANK						
Big West Oil Co.	Kevin	----	18,620	----	18,620	----
Phillips Petroleum Co.	Great Falls	----	25,090	----	25,090	----
The Texas Company	Sunburst	175,162	128,713	999	168,953	133,923
Union Oil Company	Cut Bank	24,620	74,273	389	85,926	12,578
		199,782	246,696	1,388	298,589	146,501
DEVILS BASIN						
Farmers Union Cent. Exc., Inc.	Laurel	----	462	----	462	----
DRY CREEK						
Farmers Union Cent. Exc., Inc.	Laurel	5,647	15,009	----	18,728	1,928
ELK BASIN						
Carter Oil Co.	Billings	----	59,363	----	59,363	----
Continental Oil Co.	Billings	----	14,845	----	14,845	----
		----	74,208	----	74,208	----
GLENDIVE						
Farmers Union Cent. Exc., Inc.	Laurel	11,670	60,696	----	58,045	14,321
IVANHOE DOME						
Farmers Union Cent. Exc., Inc.	Laurel	----	435	----	435	----
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	25,213	41,767	82	42,459	24,439
The Texas Company	Sunburst	117,601	64,727	----	52,412	129,916
		142,814	106,494	82	94,871	154,355
MELSTONE						
Farmers Union Cent. Exc., Inc.	Laurel	834	9,033	----	8,378	1,489
MOSSER						
Farmers Union Cent. Exc., Inc.	Laurel	----	1,308	----	1,308	----
PONDERA						
Phillips Petroleum Co.	Great Falls	9,823	53,766	----	53,014	10,575
POPLAR						
Carter Oil Co.	Billings	27,641	62,974	----	33,270	57,345
Jet Fuel Refinery	Mosby	----	7,353	310	5,166	1,877
Modern Oil Co.	Shelby	241	12,885	----	12,534	592
		27,882	83,212	310	50,970	59,814
RAGGED POINT						
Farmers Union Cent. Exc., Inc.	Laurel	----	1,835	----	1,835	----
REAGAN						
Union Oil Company	Cut Bank	----	18,471	----	18,471	----
RICHEY						
Jet Fuel Refinery	Mosby	----	1,612	----	1,612	----
SUMATRA						
Farmers Union Cent. Exc., Inc.	Laurel	4,064	60,031	----	53,779	10,316
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	----	415	----	415	----
The Texas Co.	Sunburst	23,485	18,493	----	28,997	12,981
		23,485	18,908	----	29,412	12,981
YELLOWSTONE						
Farmers Union	Laurel	----	618	----	618	----
TOTAL MONTANA OIL		429,522	780,975	2,026	791,962	416,509
OIL FROM WYOMING						
Carter Oil Co.	Billings	98,079	440,577	----	502,870	35,786
Continental Oil Co.	Billings	148,915	257,192	----	285,361	120,746
Farmers Union Cent. Exc., Inc.	Laurel	69,348	220,177	----	259,315	30,210
		316,342	917,946	----	1,047,546	186,742
TOTAL MONTANA AND WYOMING OIL		745,864	1,698,921	2,026	1,839,508	603,251

	Average Barrels Per Day			Percentage of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year, 1953	20,540	33,183	53,723	38.2%	61.8%
May, 1953	24,205	33,338	57,543	42.1%	57.9%
May, 1954	25,547	33,792	59,339	43.1%	56.9%